

Fig. 1

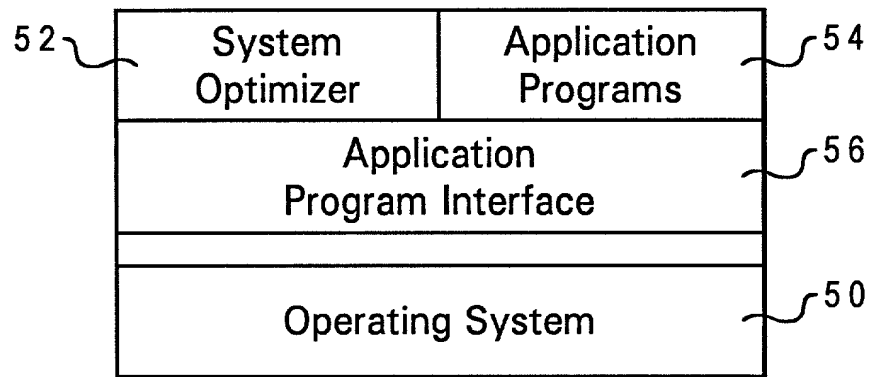
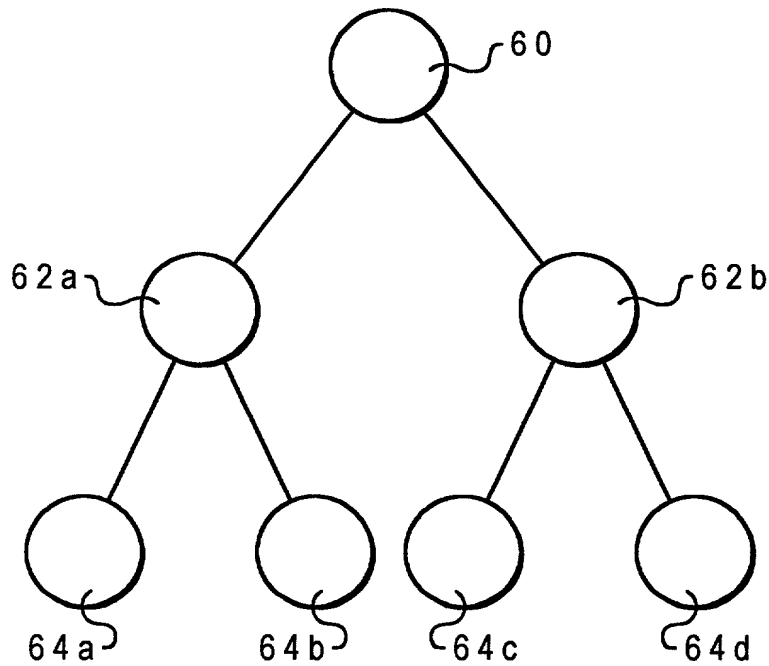
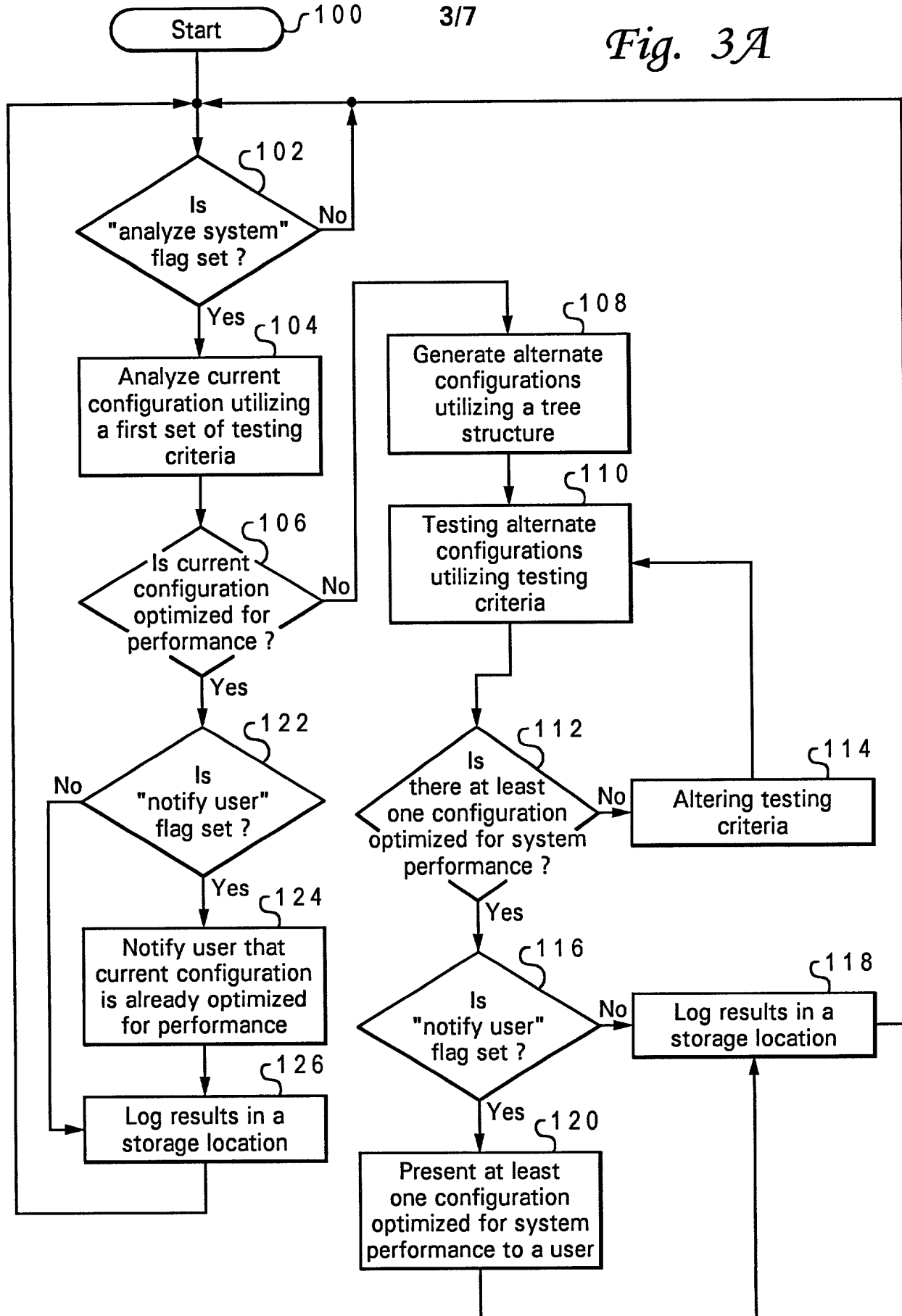
*Fig. 2**Fig. 3B*

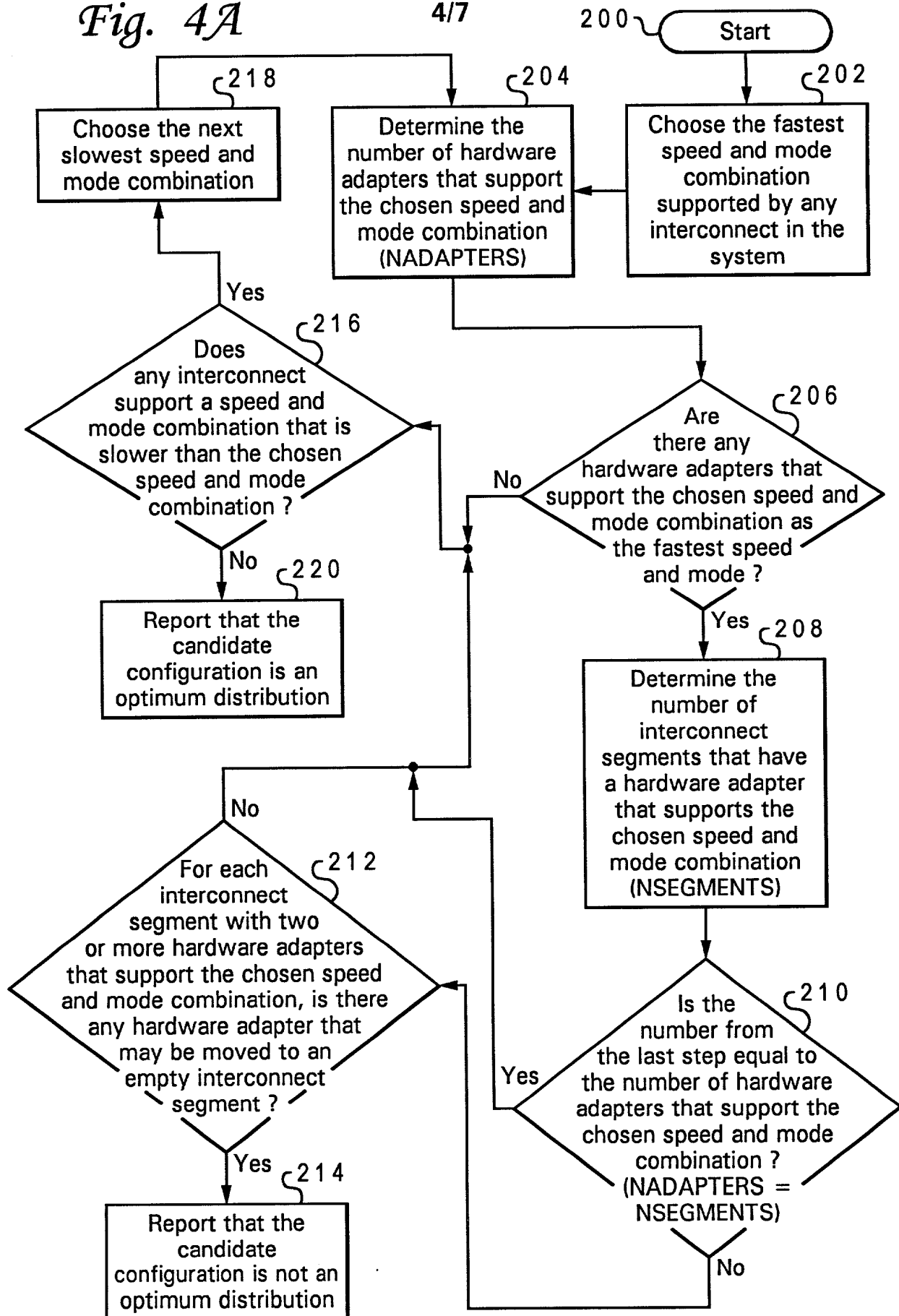
Fig. 3A



System and Method for Identifying One or More Optimum Configurations of Data

Fig. 4A

4/7



Bus	Slots Supported in 33MHz Conventional Mode	Slots Supported in 66MHz Conventional Mode	Slots Supported in 66MHz PCI-X Mode	Slots Supported in 100MHz PCI-X Mode	Slots Supported in 133MHz PCI-X Mode
1	3	3	3	2	2
2	3	3	0	0	0
3	3	2	3	2	1

Fig. 4B

Bus Number:	1	2	3
Speed/Mode:	66C	66C	133X
Slot Number:	1	2	3
Card Type:	66C	66C	66C

(Improper Distribution)

Fig. 4C

Fig. 4C

Bus Number:

Speed/Mode:

Slot Number:

Card Type:

(Mixed Speeds)

Fig. 4D

Fig. 4D

Bus Number:	1	2	3
Speed/Mode:	33C	66C	66X
Slot Number:	1 2 3	4 5 6	7 8 9
Card Type:	33C 33C —	66C 66X —	66X — —

(Conventional Mixed w/ PCI-X)

Fig. 4E

Fig. 4E

Bus Number:	1	2	3
Speed/Mode:	33C	66C	33C
Slot Number:	1 2 3	4 5 6	7 8 9
Card Type:	33C 33C 66C	66X 66C 66X	66C 66X 33C

(Swap)

Fig. 4F

Bus Number:	1	2	3
Speed/Mode:	33C	66C	133X
Slot Number:	1 2 3	4 5 6	7 8 9
Card Type:	33C 66C 66X	133X — —	— — —

(Relaxed Criteria)

Fig. 4G